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Art Unit: 2686

Amendments To The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Previously Presented) In an initiator device having a wireless transceiver, a method for discovering a name of a responding device comprising:

broadcasting a first wireless signal to be received by said responding device;

receiving a second wireless signal from said responding device, said second wireless

signal sent in response to said first wireless signal and comprising an address

for said responding device;

accessing a memory cache comprising names of devices;

determining whether a name for said responding device is present in said memory

cache;

transmitting a wireless request for a name to said responding device provided a name

for said responding device is absent from said memory cache;

receiving a name for said responding device in response to said wireless request; and

storing said name received from said responding device in said memory cache,

wherein said name is indexed in said memory cache using said address for

said responding device and wherein said name is retrievable from said

memory cache using said address.

2.   (Cancelled)

3.   (Previously Presented) The method as recited in Claim 1 comprising:

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removing from said memory cache an entry for one of said devices when a total

number of cache entries exceeds a predetermined limit, said entry comprising

a name and an address.

4.   (Original) The method as recited in Claim 3 wherein an entry is removed from

said memory cache according to an aging scheme, wherein said aging scheme ranks entries

according to frequency of use.

5.   (Previously Presented) The method as recited in Claim 1 comprising:

updating said memory cache when said name for said responding device is changed.

6.   (Previously Presented) The method as recited in Claim 1 comprising:

displaying said name on a display of said initiator device.

7.   (Original) The method as recited in Claim 1 wherein said initiator device and

said responding device are Bluetooth-enabled devices.

8.   (Original) The method as recited in Claim 1 wherein said initiator device is a

portable computer system.

9.   (currently amended) In an initiator device having a wireless transceiver, a

method for identifying a responding device by name comprising:

broadcasting a first wireless signal to be received by said responding device;

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receiving a second wireless signal from said responding device, said second wireless

signal sent in response to said first wireless signal and comprising an address

for said responding device;

sending a wireless paging signal to said responding device;

receiving from said responding device a response to said wireless paging signal;

determining whether a name for said responding device is present in a memory cache

of said initiator device;

transmitting a wireless request for a name to said responding device provided a name

for said responding device is absent from said memory cache;

receiving a name for said responding device in response to said wireless request;

storing said name and said address received from said responding device in said

memory cache, said name indexed by said address; and

using said ~~name~~ address to retrieve said ~~address~~ name from said memory cache.

10.   (Cancelled).

11.   (Previously Presented) The method as recited in Claim 9 comprising:
displaying said name on a display of said initiator device.

12.   (Previously Presented) The method as recited in Claim 9 comprising:
updating said memory cache when said name for said responding device is changed.

13.   (Previously Presented) The method as recited in Claim 9 further comprising:
storing in said memory cache an entry for each of a plurality of other responding

devices, said entry comprising a name and an address.

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14.   (Previously Presented) The method as recited in Claim 13 further comprising:

removing from said memory cache an entry for one of said responding devices when a

total number of cache entries exceeds a predetermined limit.

15.   (Original) The method as recited in Claim 13 wherein an entry is removed

from said memory cache according to an aging scheme, wherein said aging scheme ranks

entries according to frequency of use.

16.   (Original) The method as recited in Claim 9 wherein said initiator device and

said responding device are Bluetooth-enabled devices.

17.   (Original) The method as recited in Claim 9 wherein said initiator device is a

portable computer system.

18.   (Previously Presented) A wireless communication device comprising:

a bus;

a wireless transceiver unit coupled to said bus and for communicating with

        responding devices;

a memory cache coupled to said bus; and

a processor coupled to said bus, said processor for performing a method for

        identifying a responding device by name, said method comprising:

        broadcasting a first wireless signal to be received by said responding device;

        receiving an address for said responding device in response to said first

            wireless signal;

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   determining whether a name for said responding device is present in said

        memory cache;

   transmitting a first wireless request for a name to said responding device

        provided a name for said responding device is absent from said

        memory cache;

   receiving said name for said responding device in response to said first

        wireless request;

   storing said address and said name received from said responding device in

        said memory cache, said name indexed by said address; and

   retrieving said name from said memory cache to subsequently identify said

        responding device in lieu of performing a second wireless request after

        said first wireless request, wherein said name is retrieved from said

        memory cache using said address.

19.   (Previously Presented) The wireless communication device of Claim 18

wherein said retrieving step comprises:

   broadcasting a second wireless signal to be received by said responding device;

   receiving said address from said responding device in response to said second

        wireless signal; and

   retrieving from said memory cache said name corresponding to said address.

20.   (Original) The wireless communication device of Claim 18 comprising:

   a display device for displaying said name obtained from said memory cache.

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21.   (Previously Presented) The wireless communication device of Claim 18

wherein said method comprises:

updating said memory cache when said name for said responding device is changed.

22.   (Previously Presented) The wireless communication device of Claim 18

wherein said storing step comprises:

storing in said memory cache an entry for each of a plurality of responding devices,

said entry comprising a name and an address.

23.   (Previously Presented) The wireless communication device of Claim 22

wherein said storing step further comprises:

removing from said memory cache an entry for one of said plurality of responding

devices when a total number of cache entries exceeds a predetermined limit.

24.   (Original) The wireless communication device of Claim 22 wherein an entry is

removed from said memory cache according to an aging scheme, wherein said aging scheme

ranks entries according to frequency of use.

25.   (Original) The wireless communication device of Claim 18 wherein said

wireless communication device and said responding device are Bluetooth-enabled devices.

26.   (Original) The wireless communication device of Claim 18 wherein said

wireless communication device is a portable computer system.

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